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[Carbohydrate metabolism in *Zymomonas mobilis*: a catabolic highway with some scenic routes](#)

GA Sprenger - FEMS Microbiology Letters, 1996 - interscience.wiley.com

... 1 and II; EDA, **2-keto-3-deoxy-gluconate** aldolase; EDD, 6-phosphogluconate ... malic enzyme;

PDC, **pyruvate decarboxylase**; PDHC, **pyruvate dehydrogenase** complex; PGI ...

[Cited by 48](#) - [Related articles](#) - [Web Search](#) - [Bib. Direct](#) - [All 3 versions](#)

[Pathways for utilization of carbon reserves in *Desulfovibrio gigas* under fermentative and ...](#)

P Fareleira, J Legall, AV Xavier, H Santos - Journal of bacteriology, 1997 - Am Soc Microbiol

... same pathway (gluconate dehydrogenase and **2-keto-3-deoxy-gluconate** aldolase) were ...

Pyruvate decarboxylase and ethanol dehydrogenase, the two enzymes involved ...

[Cited by 27](#) - [Related articles](#) - [Web Search](#) - [Bib. Direct](#) - [All 5 versions](#)

[Metabolic state of *Zymomonas mobilis* in glucose-, fructose-, and xylose-fed continuous cultures as ...](#)

AA De Graaf, K Striegel, RM Wittig, B Laufer, G ... - Archives of Microbiology, 1999 - Springer

... EDA **2-keto-3-deoxy-gluconate** aldolase, ENO enolase, PYK **pyruvate** kinase, PPC

phosphoenolpyruvate carboxylase, PDC **pyruvate decarboxylase**, PDHC **pyruvate** ...

[Cited by 56](#) - [Related articles](#) - [Web Search](#) - [Bib. Direct](#) - [All 3 versions](#)

[Protein identifications on O'Farrell two-dimensional gels: locations of 55 additional *Escherichia* ...](#)

TA Phillips, PL Bloch, FC Neidhardt - Journal of Bacteriology, 1980 - Am Soc Microbiol

Page 1. JOURNAL OF BACTERIOLOGY, Dec. 1980, p. 1024-1033 Vol. 144, No.

3 0021-9193/80/12-1024/10\$02.00/0 Protein identifications ...

[Cited by 29](#) - [Related articles](#) - [Web Search](#) - [All 4 versions](#)

[Catabolism of galacturonic and glucuronic acids by *Erwinia carotovora*](#) - [JBC.org](#) (PDF)

WW Kilgore, MP Starr - Journal of Biological Chemistry, 1959 - ASBMB

... following reactions are evident when *E. carotovora* acts upon o-galacturonate:

decarboxylation to ... **Pyruvate** was determined with crystalline lactic dehydrogenase ...

[Cited by 30](#) - [Related articles](#) - [Web Search](#) - [All 3 versions](#)

[Enzymes of gluconate metabolism and glycolysis in *Penicillium notatum*](#)

D Pitt, MJ Mosley - Antonie van Leeuwenhoek, 1965 - Springer

... of glyceraldehyde with glyceraldehyde-3-phosphate in **2-keto-3-deoxy-gluconate** aldolase

assays ... PYRUVATE ... 1.128); 4, 2-keto-6-phosphogluconate **decarboxylase**, 5, 2 ...

[Cited by 4](#) - [Related articles](#) - [Web Search](#) - [All 2 versions](#)

[The Mechanism of 2-Keto-3-deoxy-6-phosphogluconic Aldolase II. STUDIES OF THE PARTIAL REACTIONS WITH ...](#) - [JBC.org](#) (PDF)

JM Ingram, WA Wood - Journal of Biological Chemistry, 1966 - ASBMB

... 2-keto-4-hydroxyglutarate, and **2-keto-3-deoxy-gluconate** were partially ... tive by use

of **pyruvate** and NaBH 4 ... longer exhibited oxal-acetic **decarboxylase** activity ...

[Cited by 2](#) - [Related articles](#) - [Web Search](#) - [All 2 versions](#)

[Relationship between catabolism of glycerol and metabolism of hexosephosphate derivatives by ...](#)

HE Heath, ET Gaudy - Journal of Bacteriology, 1978 - Am Soc Microbiol

... oxidized nicotinamide adenine dinucleotide phosphate [NADP+]) (phosphorylating)

(28); phosphoglycerate kinase (3); enolase (35); **pyruvate** kinase (30 ...

[Cited by 14](#) - [Related articles](#) - [Web Search](#) - [All 2 versions](#)

[Sugar metabolism by *Brucella*](#)

RC Essenberg, R Seshadri, K Nelson, I Paulsen - Veterinary Microbiology, 2002 - Elsevier

... **pyruvate** is oxidized via **decarboxylation** to acetate. ... 6P was not converted to **pyruvate**

in the ... The aldolase was detected, since **2-keto-3-deoxy-gluconate-6P** could ...

[Cited by 11](#) - [Related articles](#) - [Web Search](#) - [All 3 versions](#)


[Inhibition of glucose metabolism by n-hexadecane in Cladosporium \(Amorphotheca\) resinae](#). - [nih.gov \[PDF\]](#)

C Sporn, JJ Cooney - Journal of Bacteriology, 1976 - Am Soc Microbiol

... **Pyruvate** was measured using lactic dehydrogenase and nicotinamide ... Phosphogluconate dehydratase and phospho-**2-keto-3-deoxy-gluconate** aldolase were assayed in a ...

[Cited by 4](#) - [Related articles](#) - [Web Search](#) - [All 3 versions](#)

Key authors: [G Sprenger](#) - [A De Graaf](#) - [J Yu](#) - [P Fareleira](#) - [T Phillips](#)

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